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Fig.1.

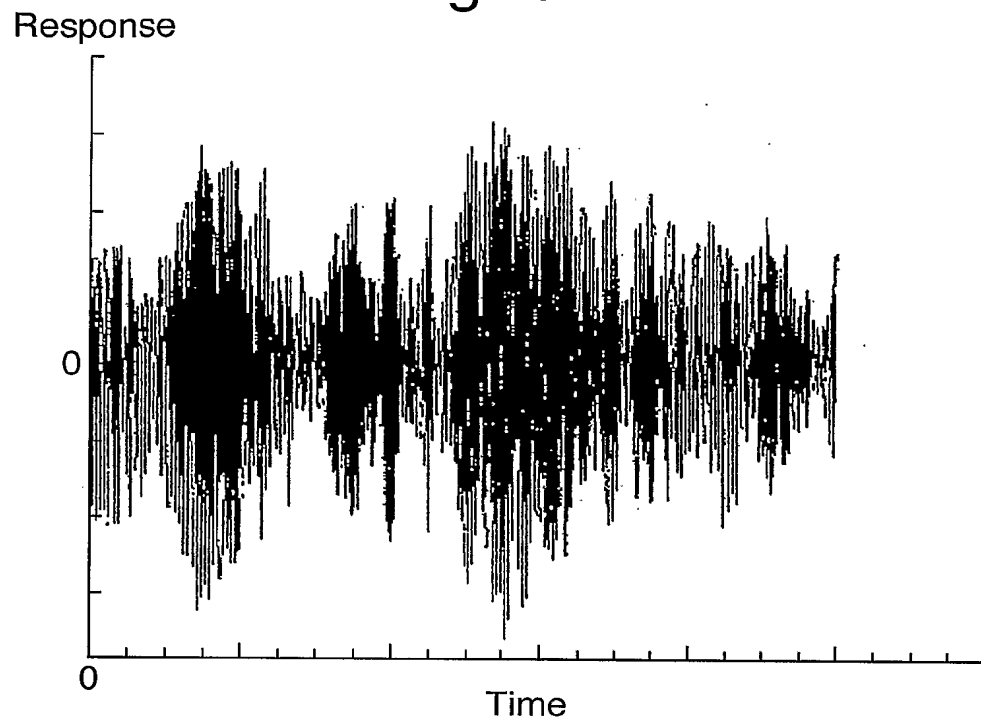
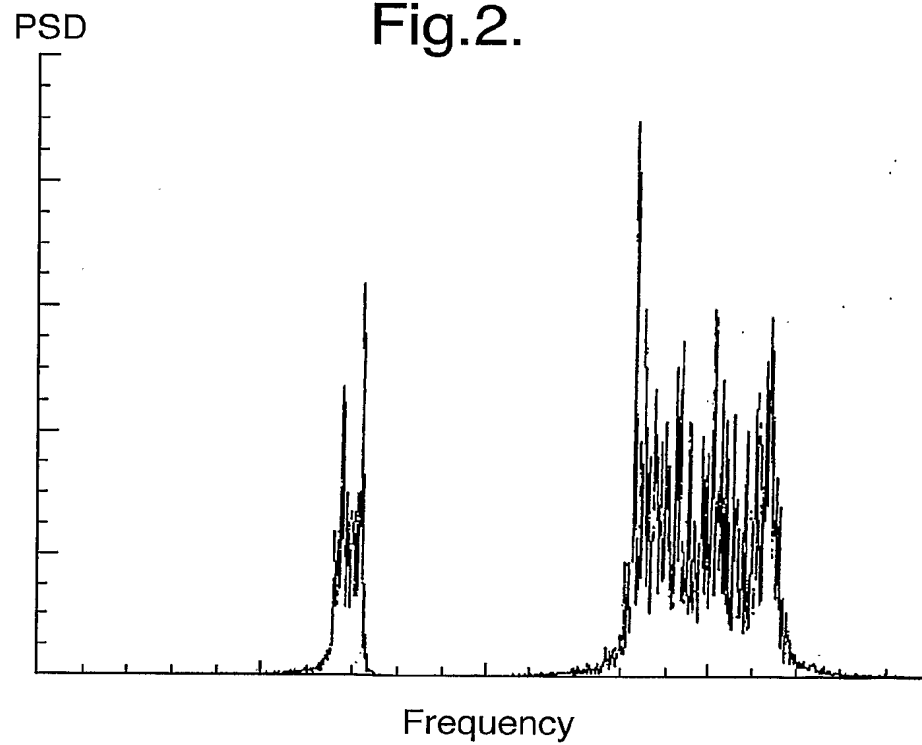


Fig.2.



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Fig.3.

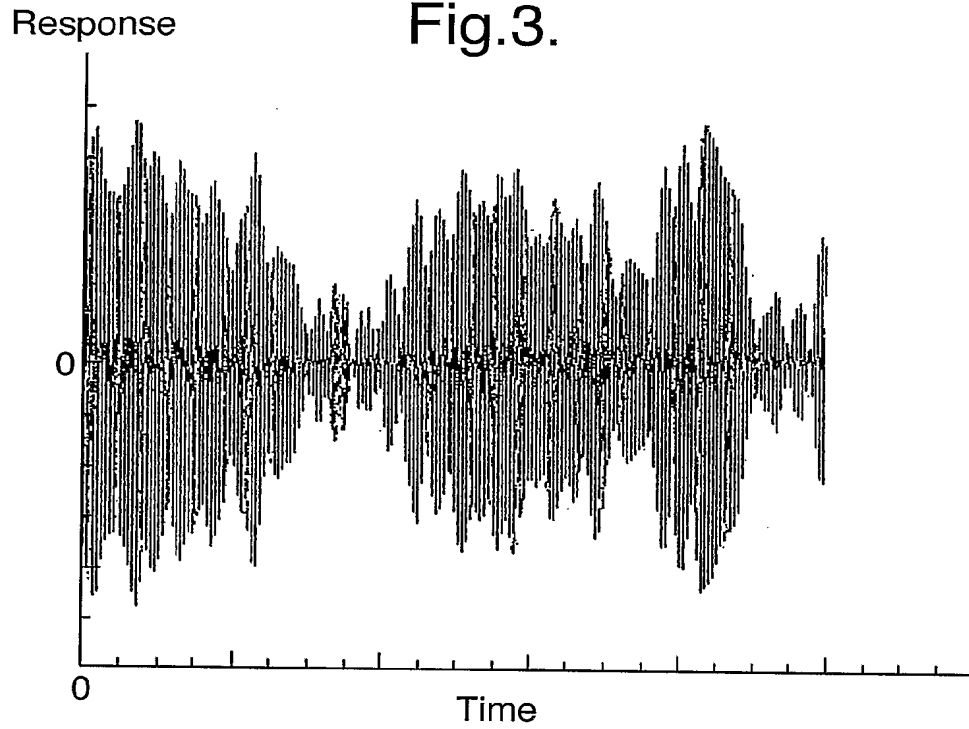
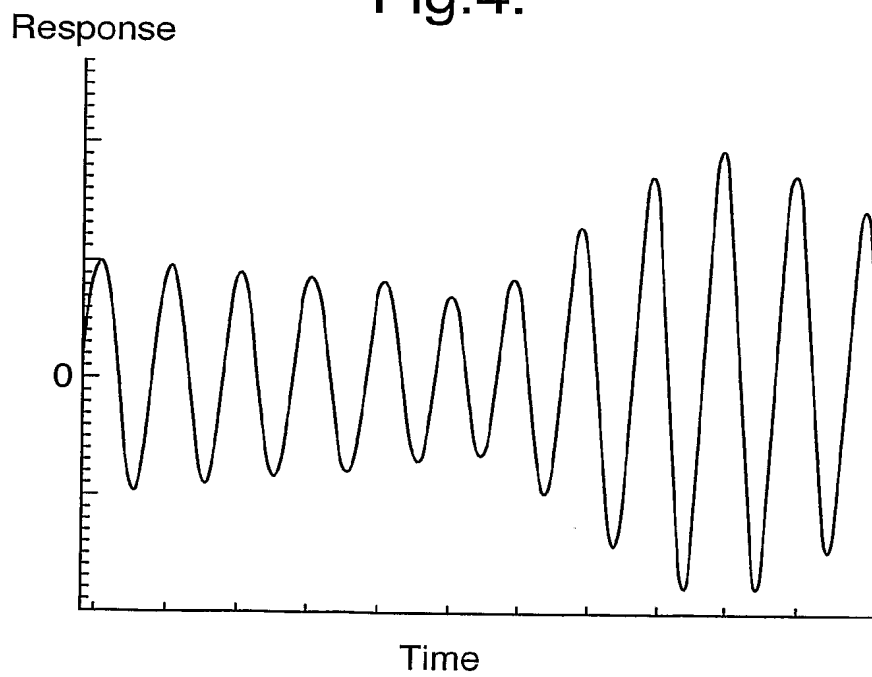


Fig.4.



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Fig.5a.

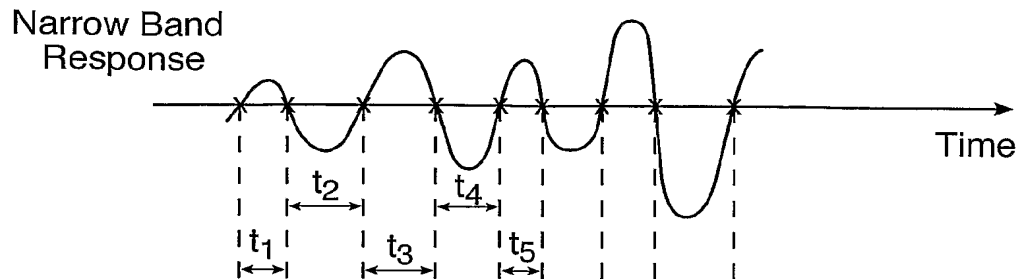


Fig.5b.

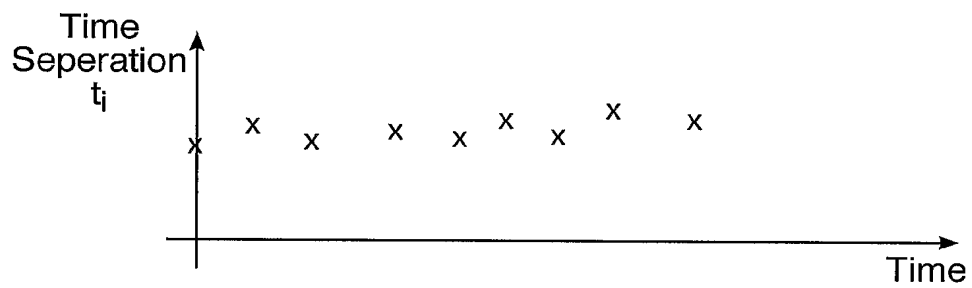
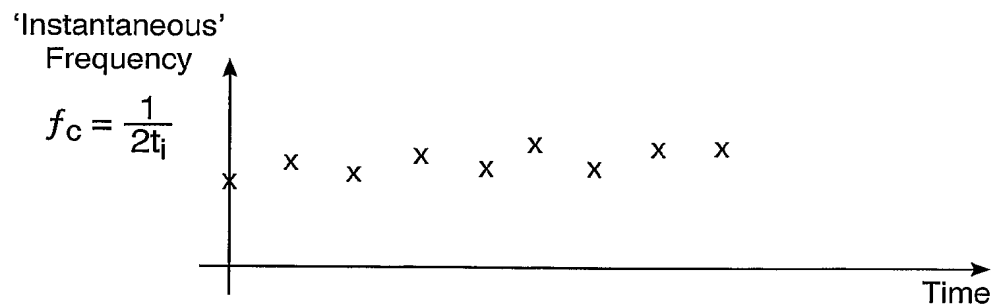


Fig.5c.



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Fig.6.

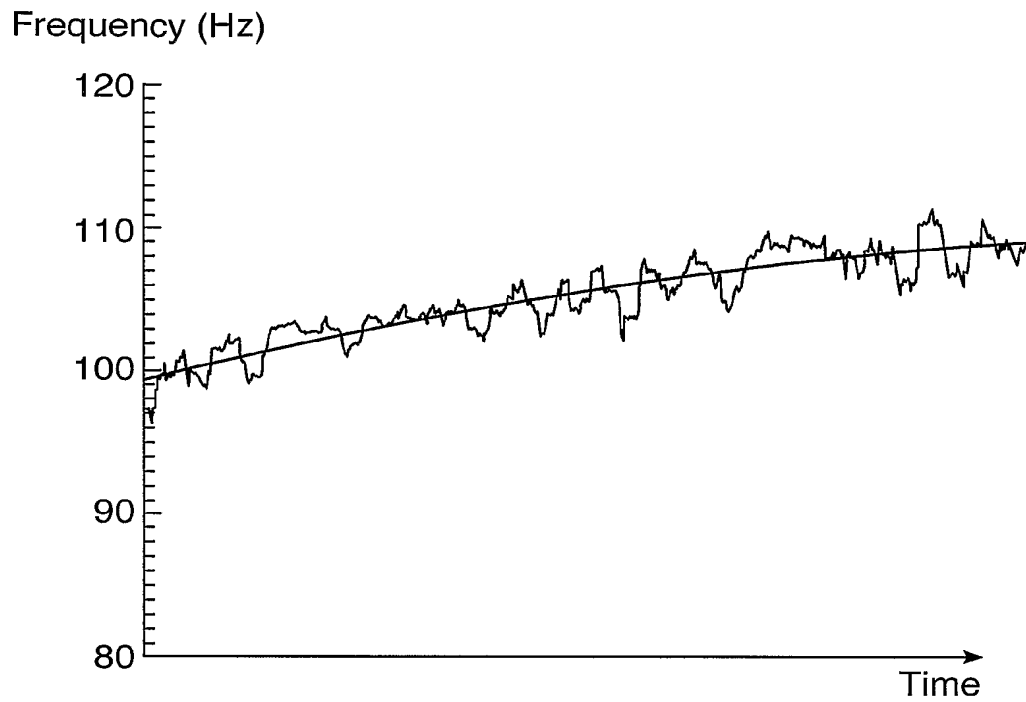
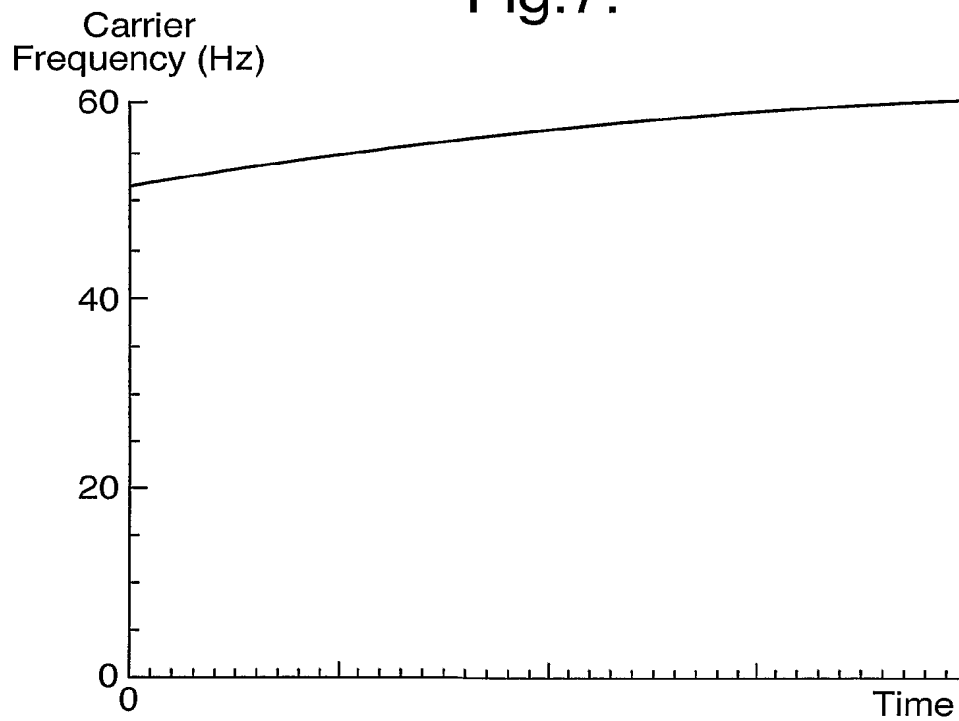


Fig.7.



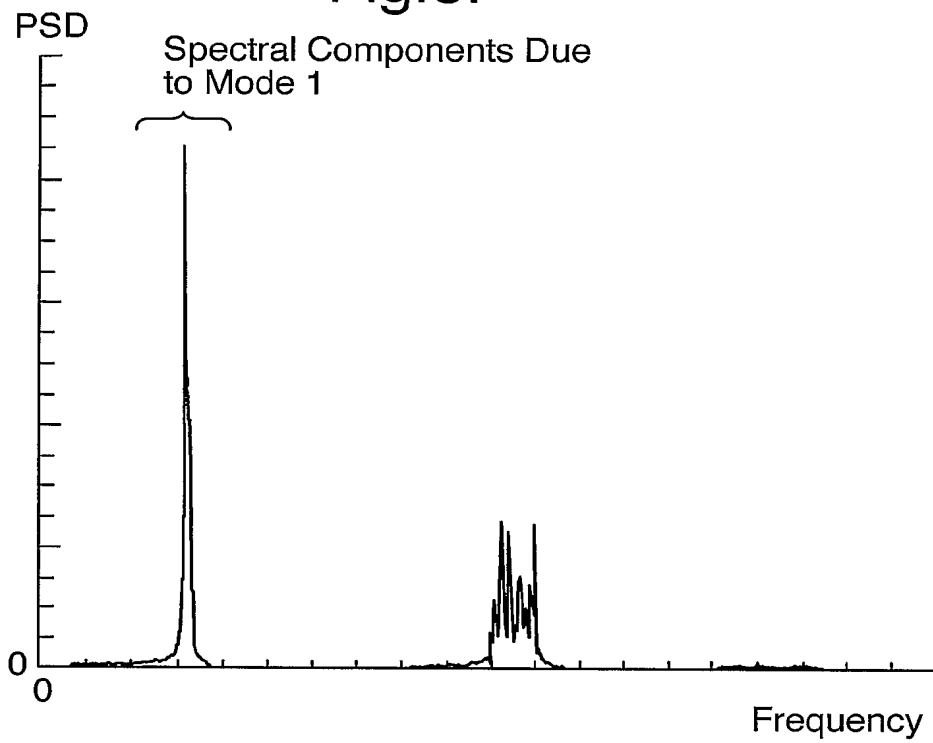
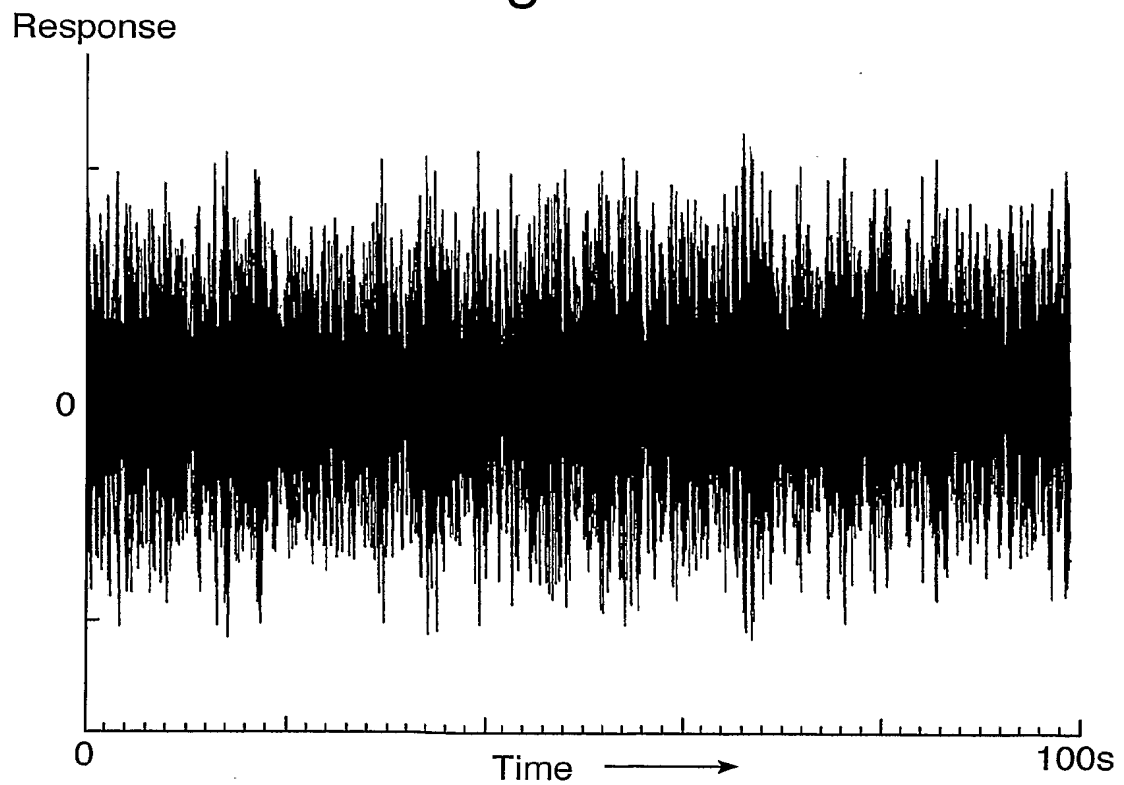
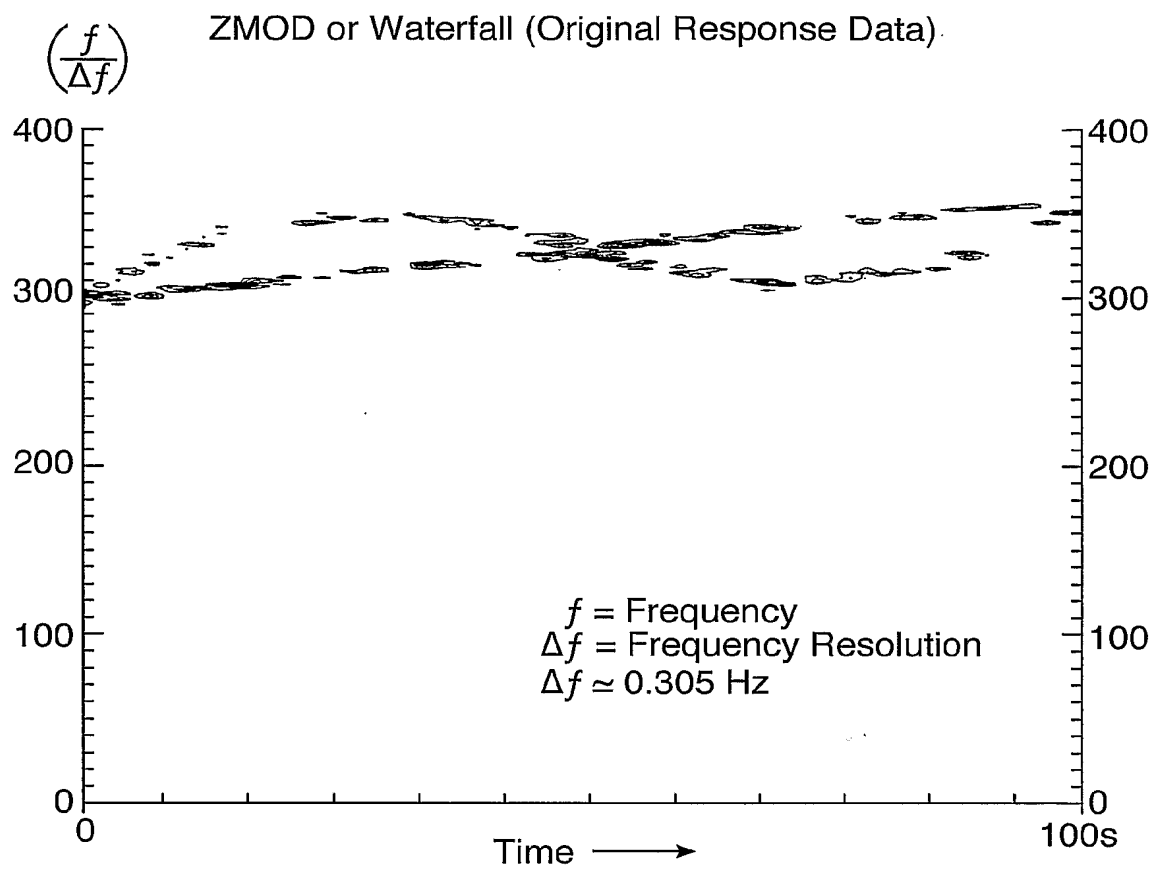
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Fig.8.

Fig.9.



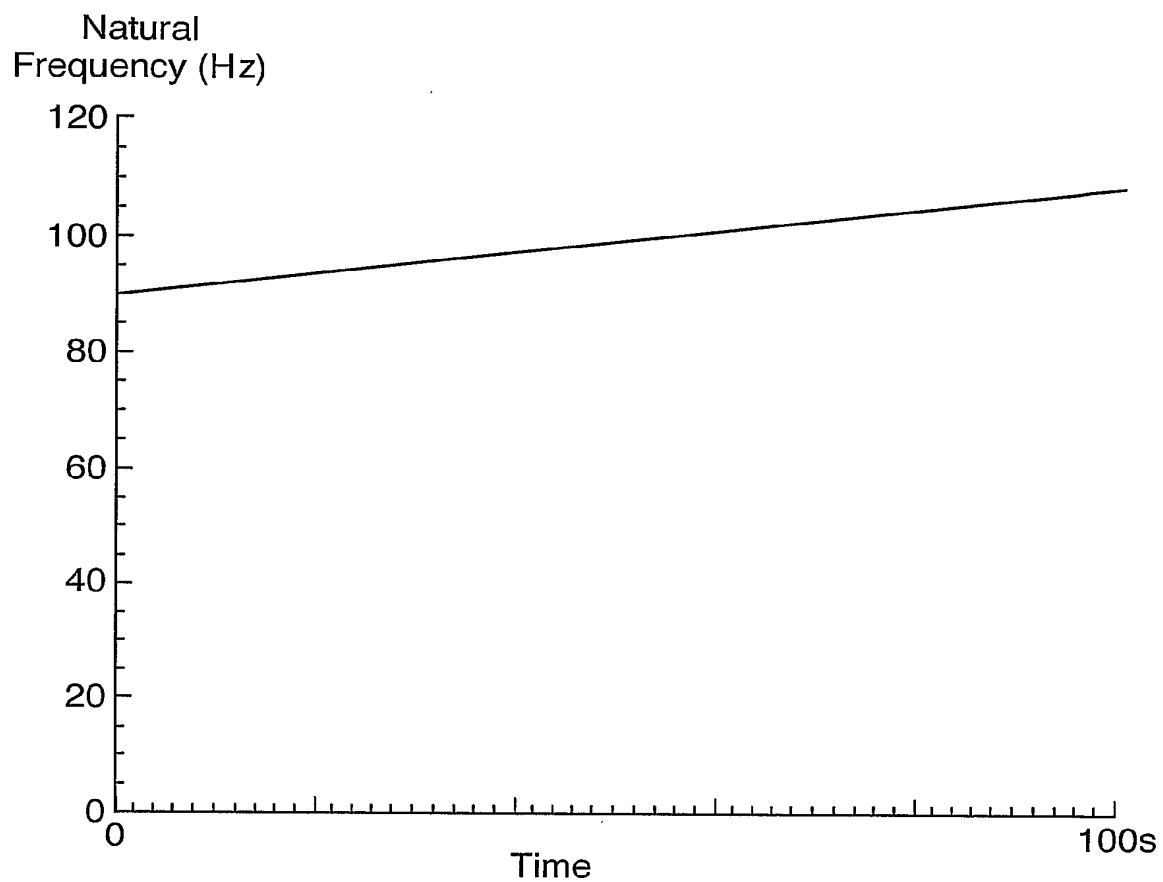
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Fig.10.



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Fig.11.



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Fig.12.

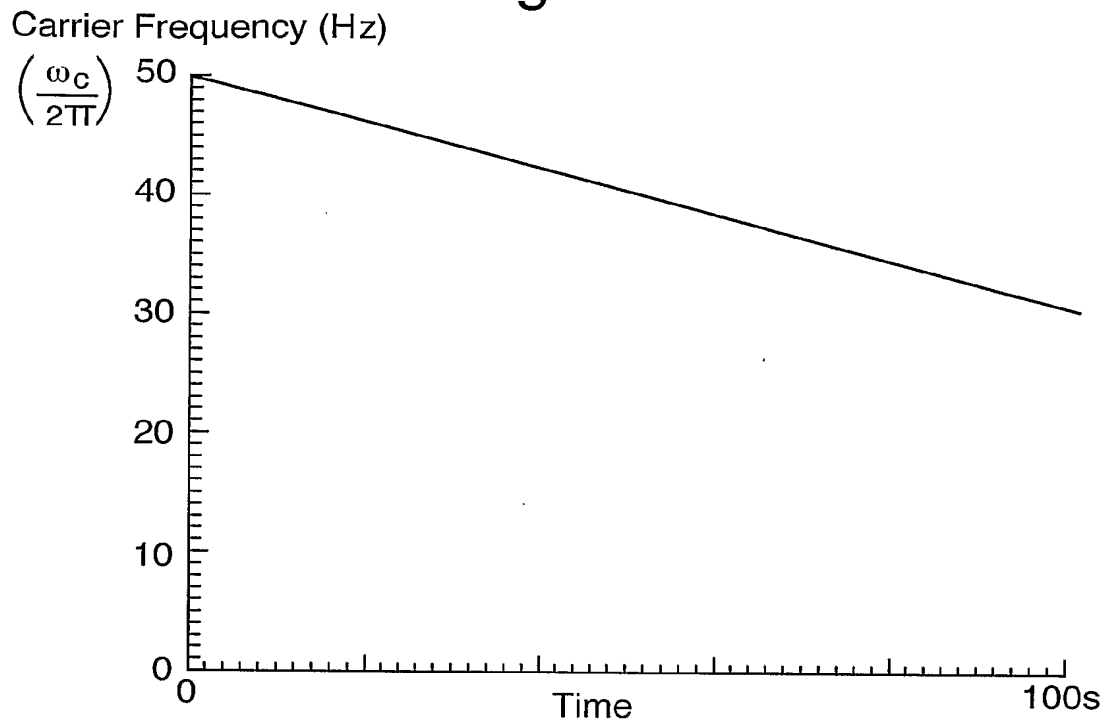
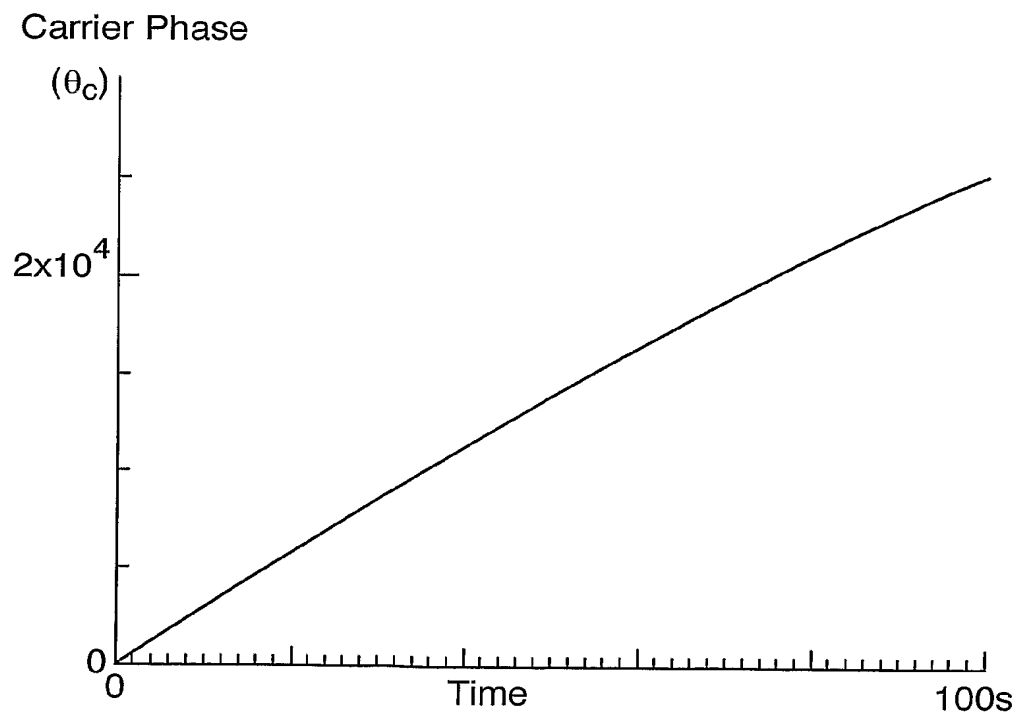


Fig.13.





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Fig.14.

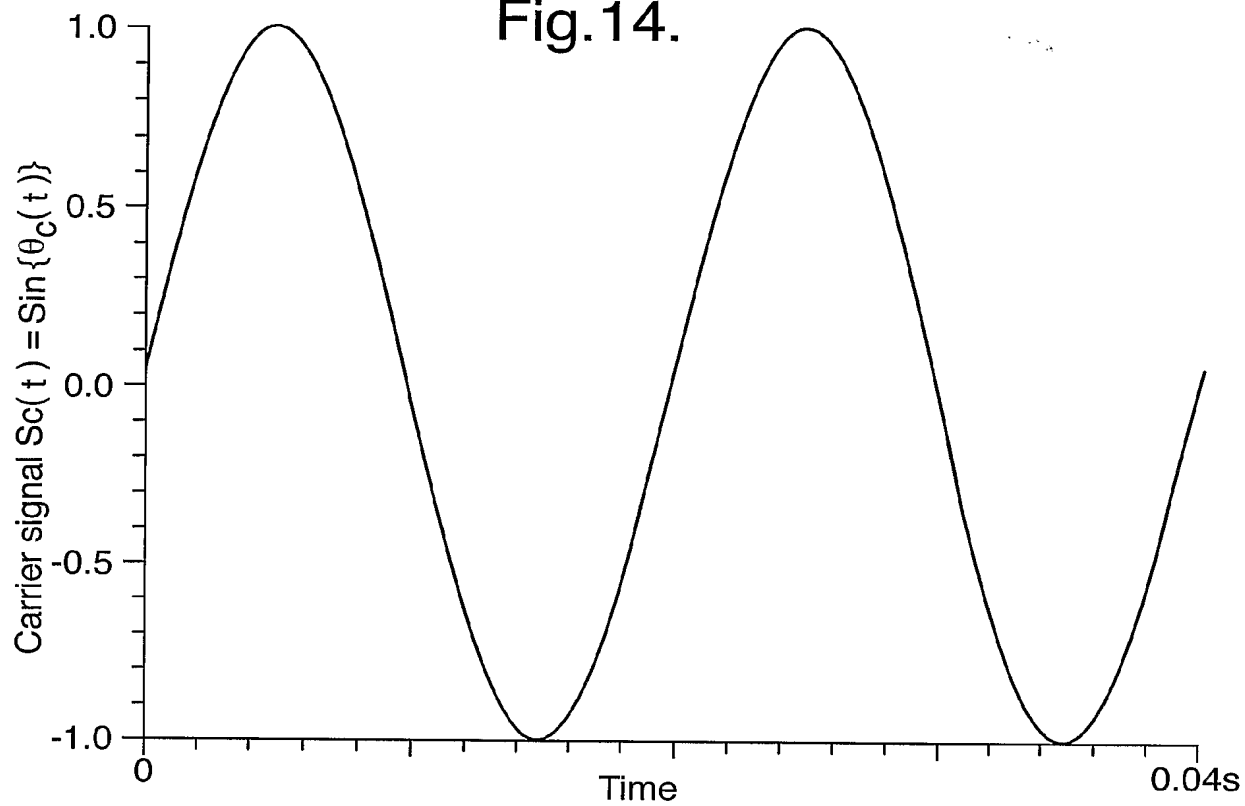
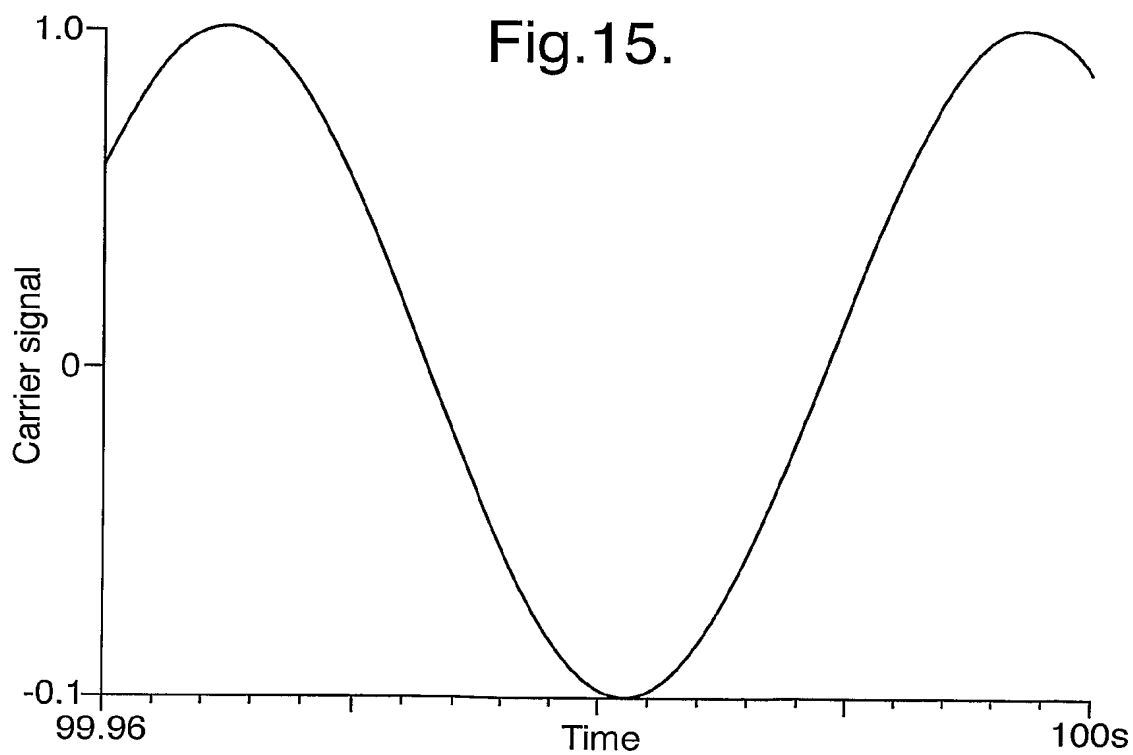
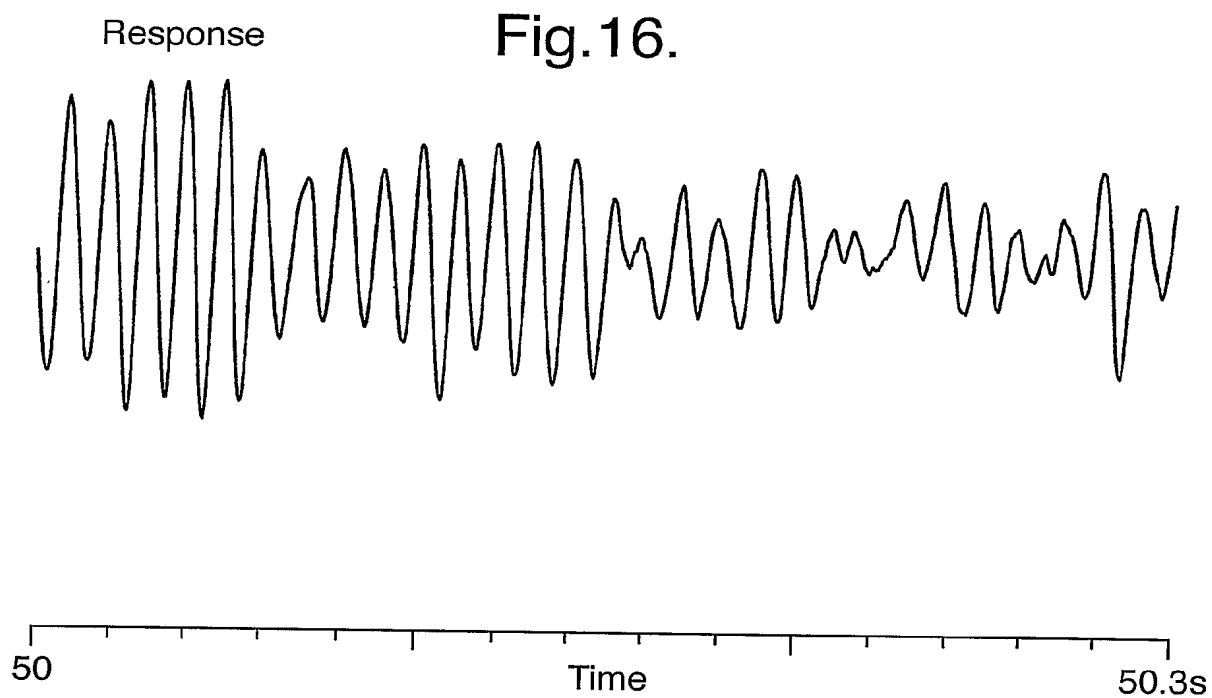


Fig.15.



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Bandpass Filtered  
Response

Fig.17.

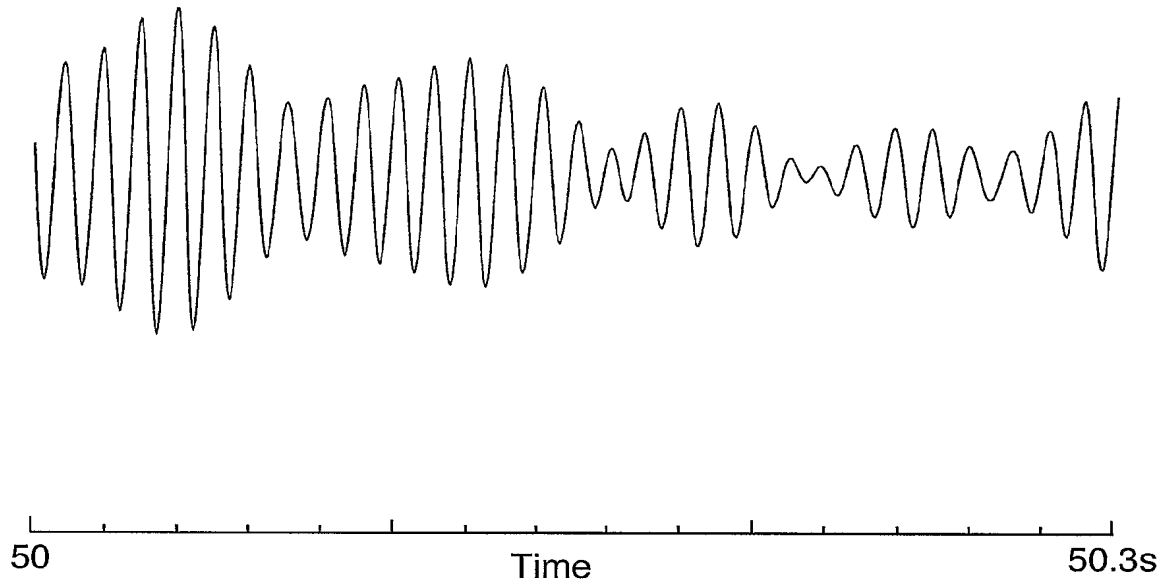
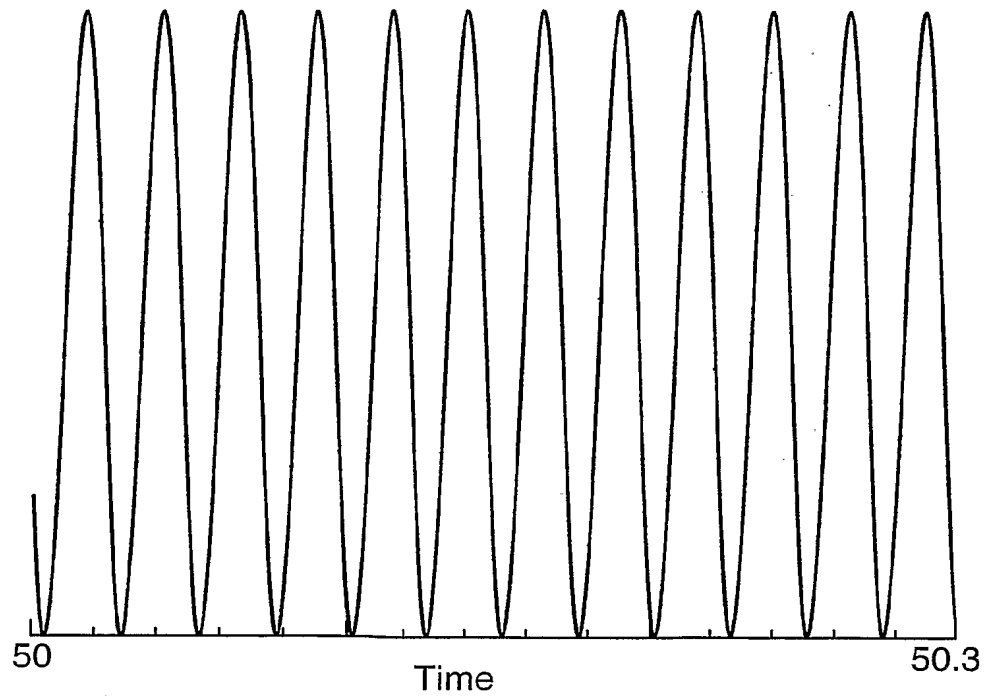


Fig.18.

Carrier Signal



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Modulated signal

Fig.19.

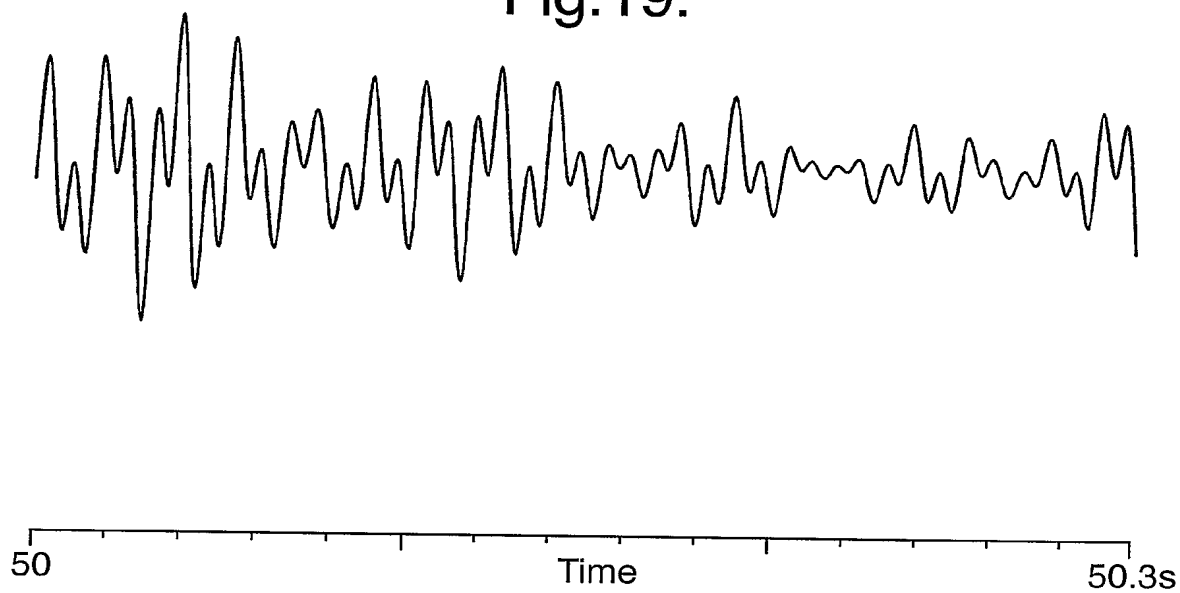


Fig.20.

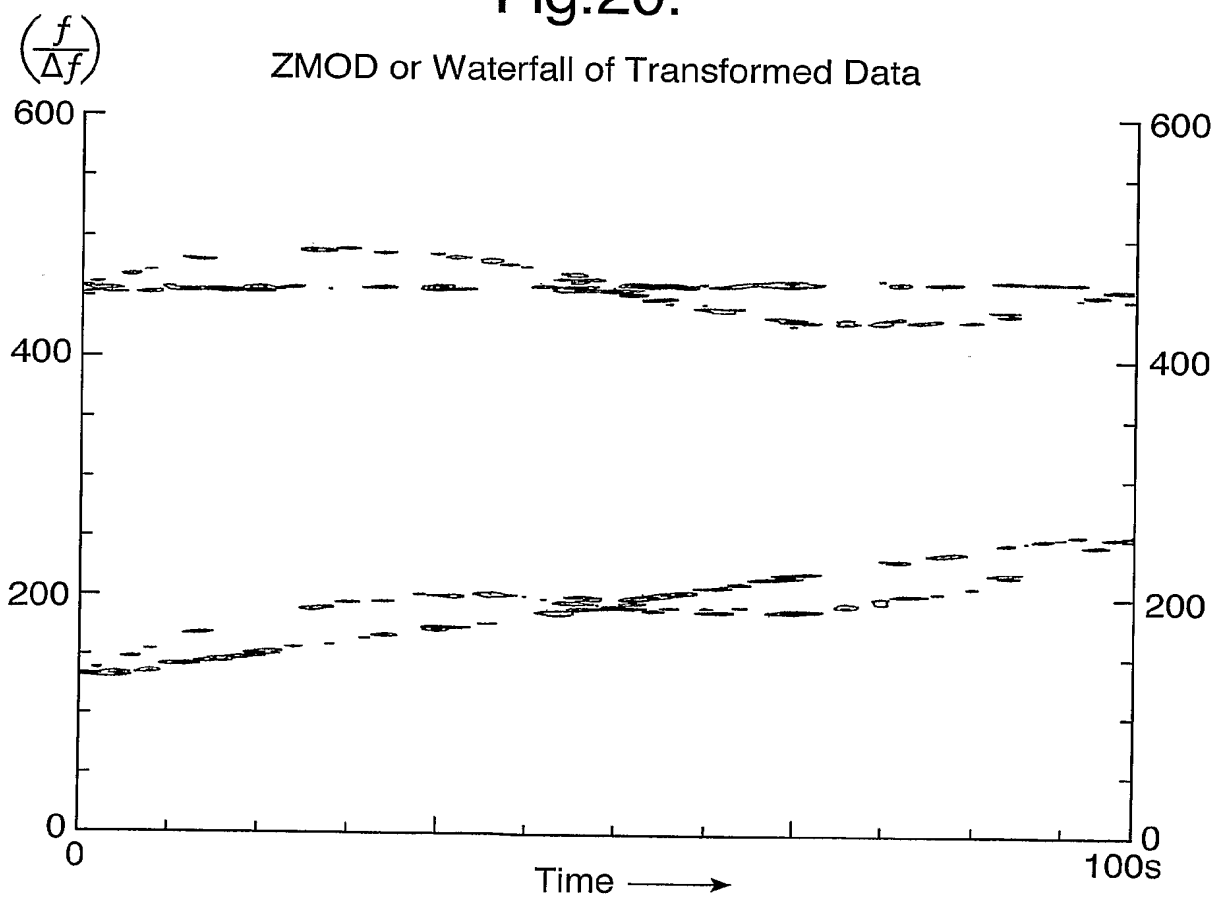


Fig.21.

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PSD (of Transformed Data)

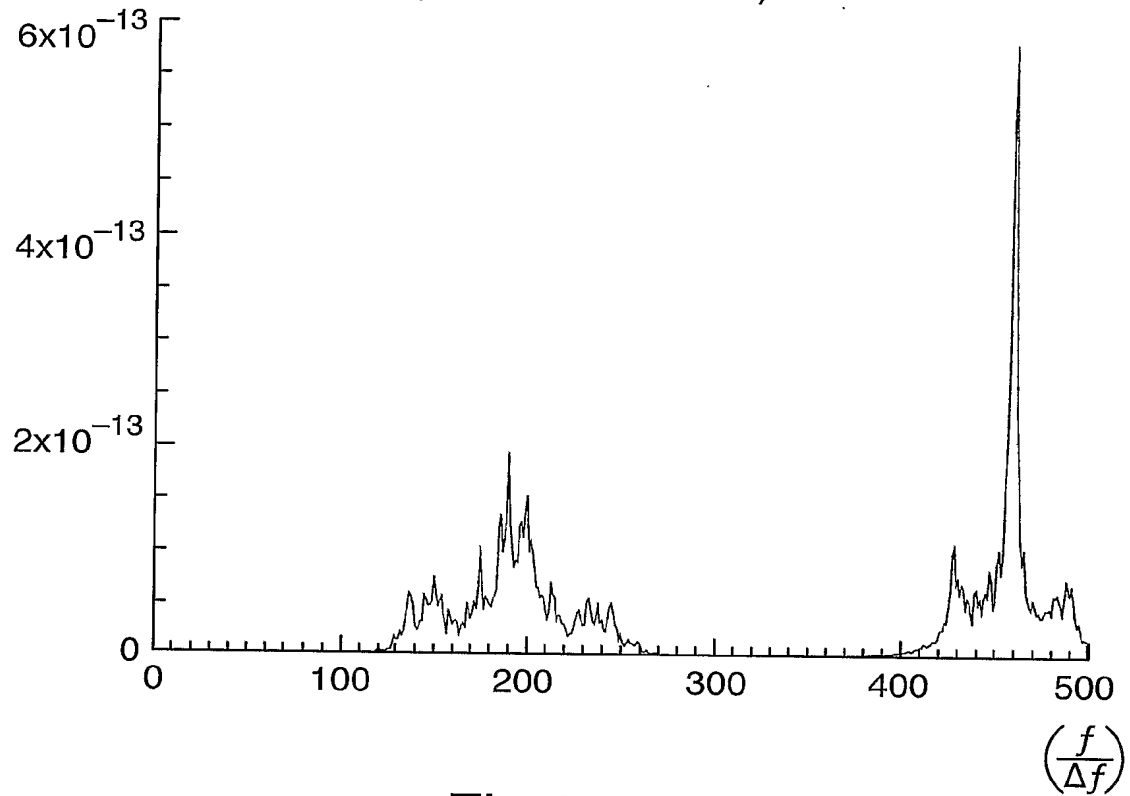
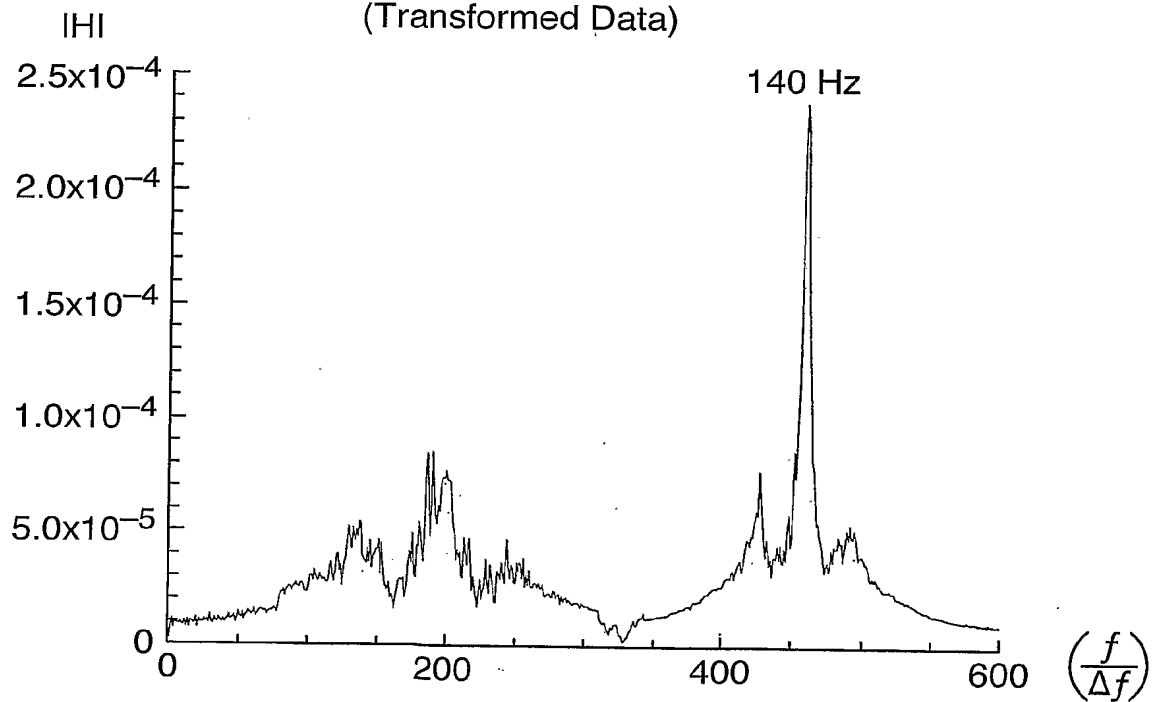


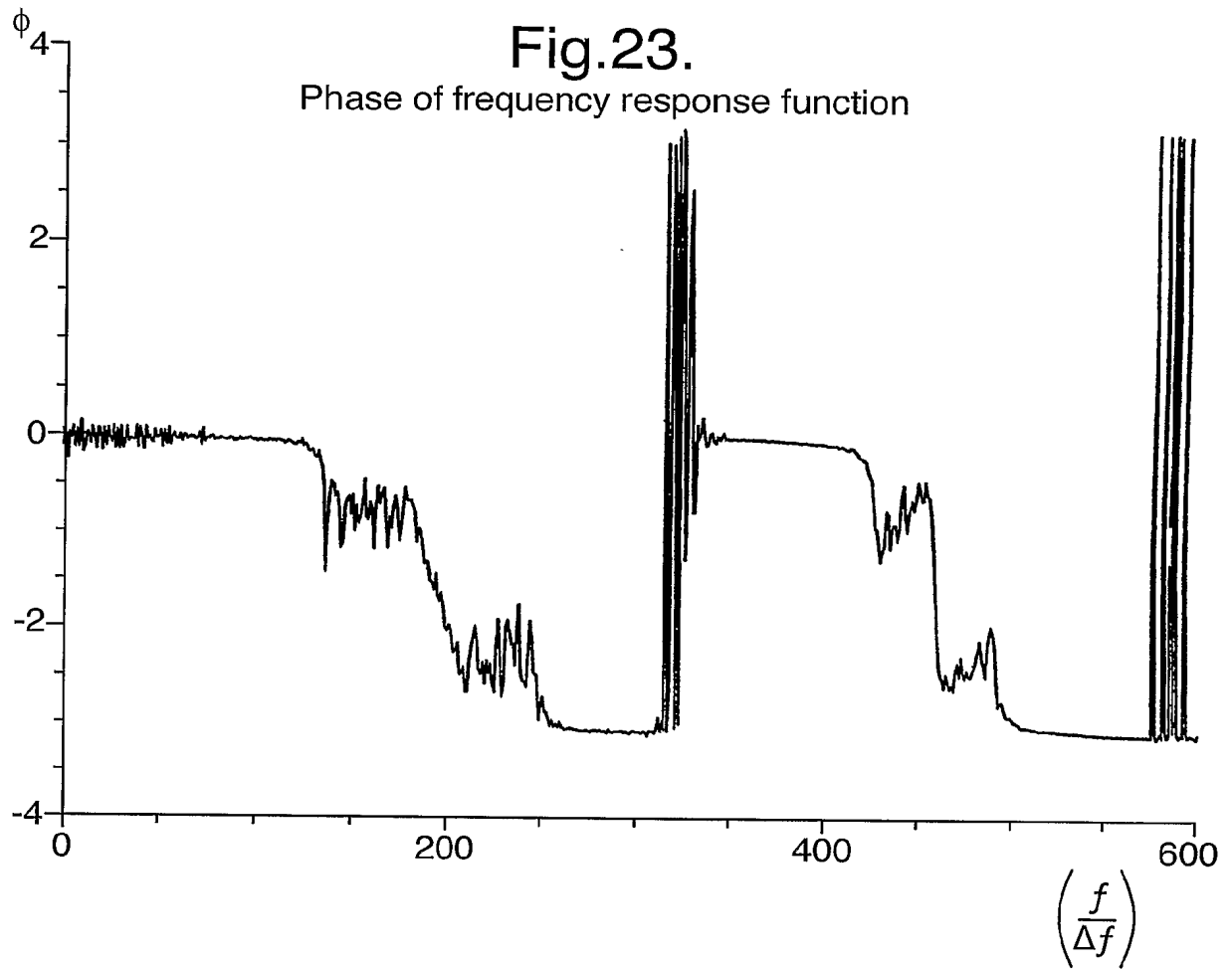
Fig.22.

Magnitude of Frequency Response Function

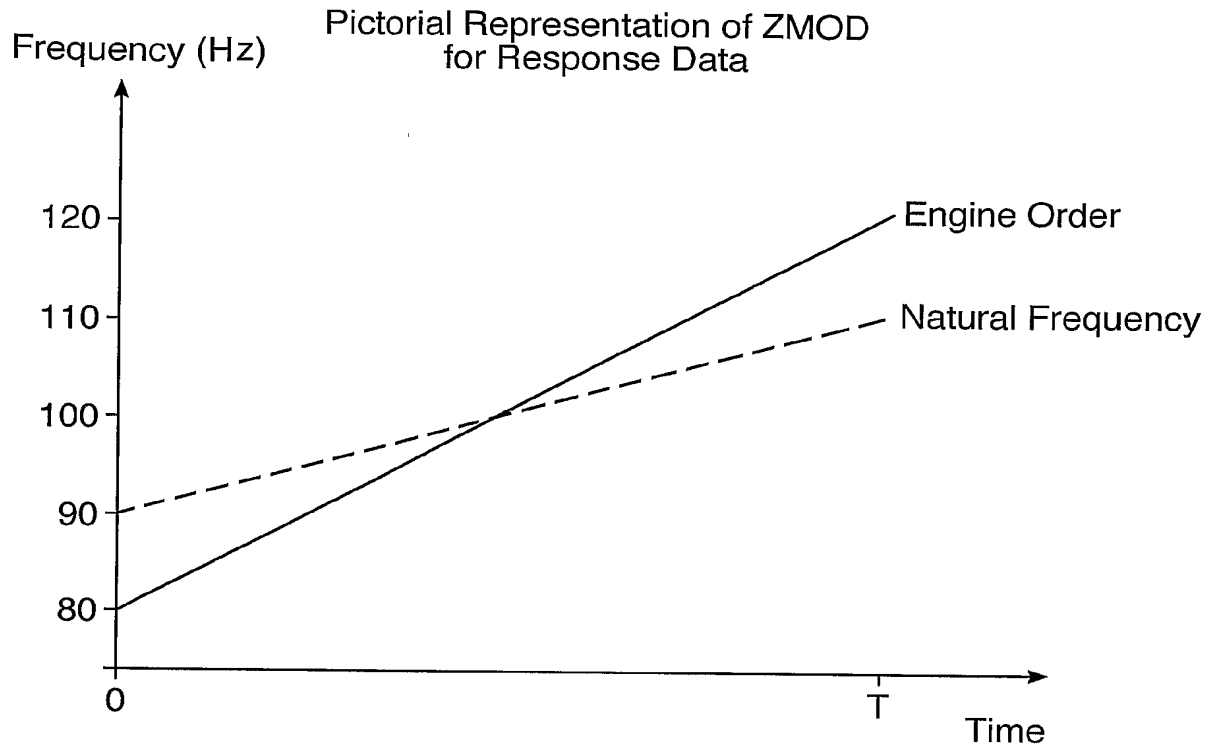
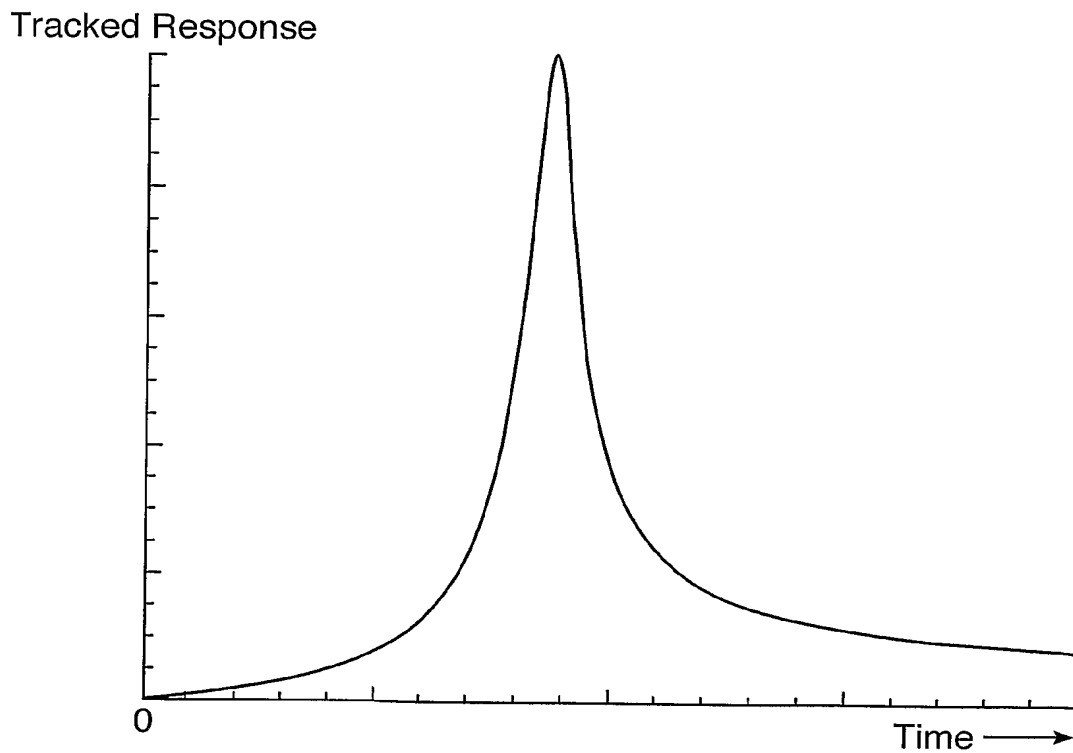
(Transformed Data)



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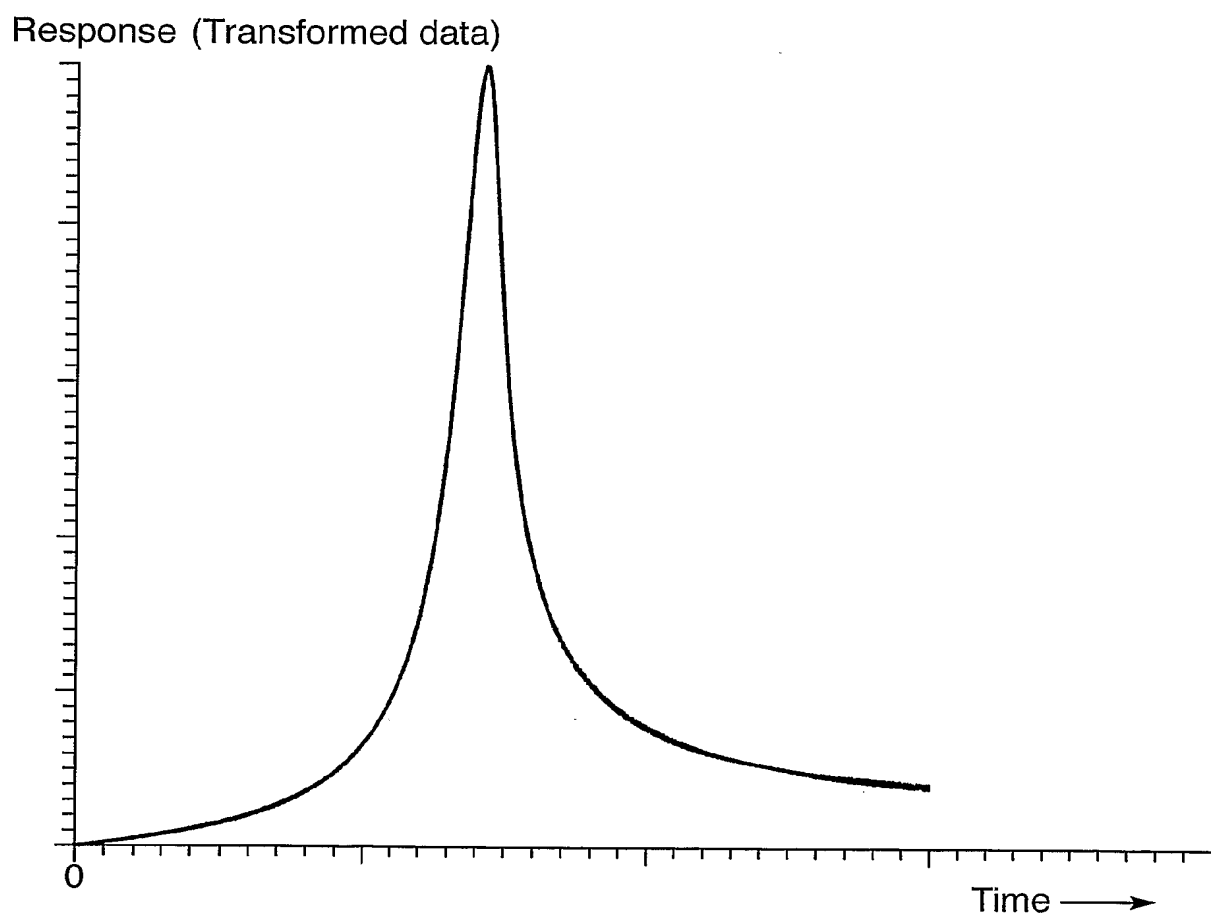


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**Fig.24.****Fig.25.**

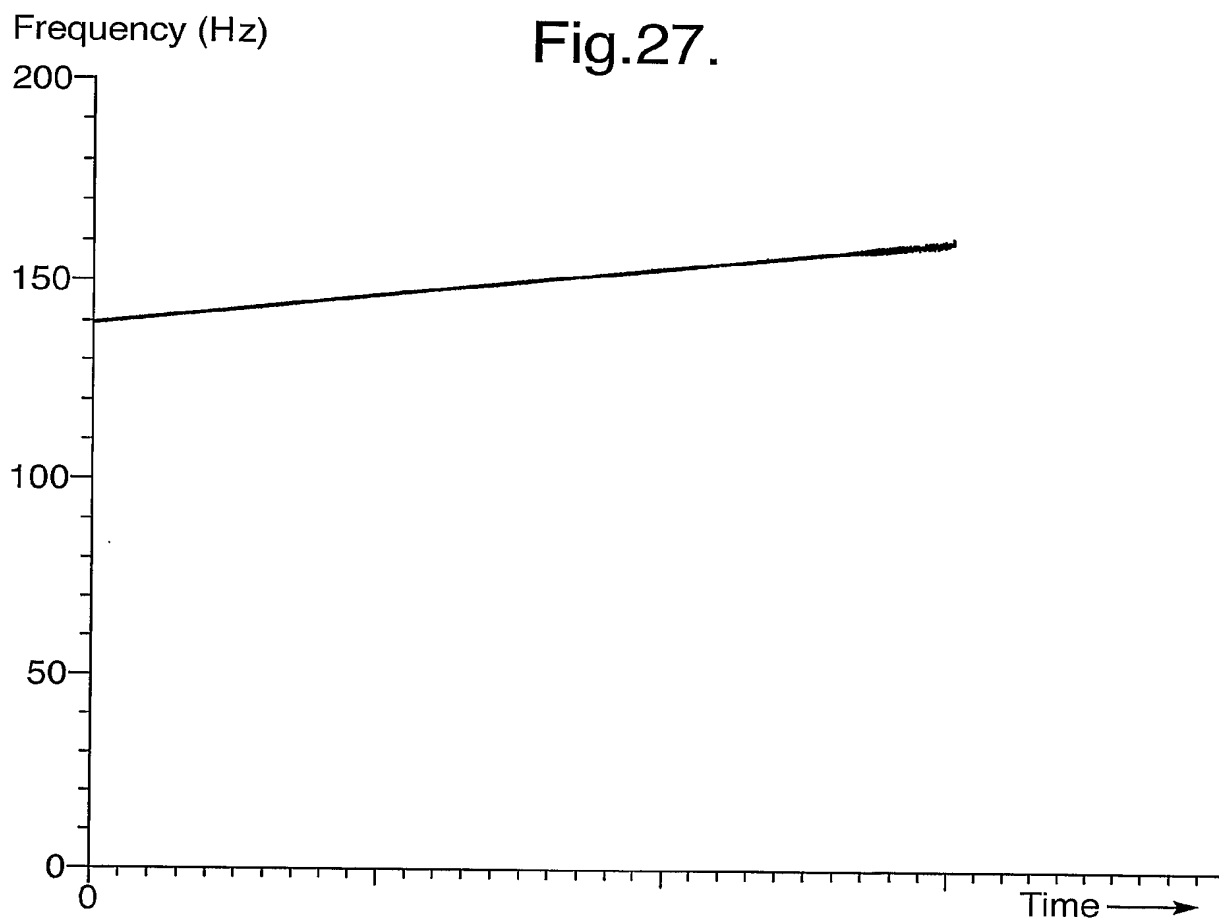
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Fig.26.



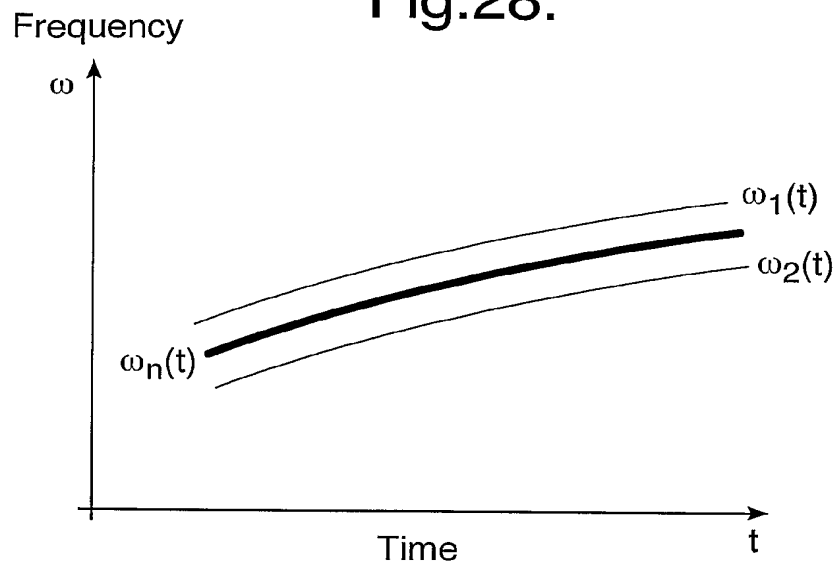


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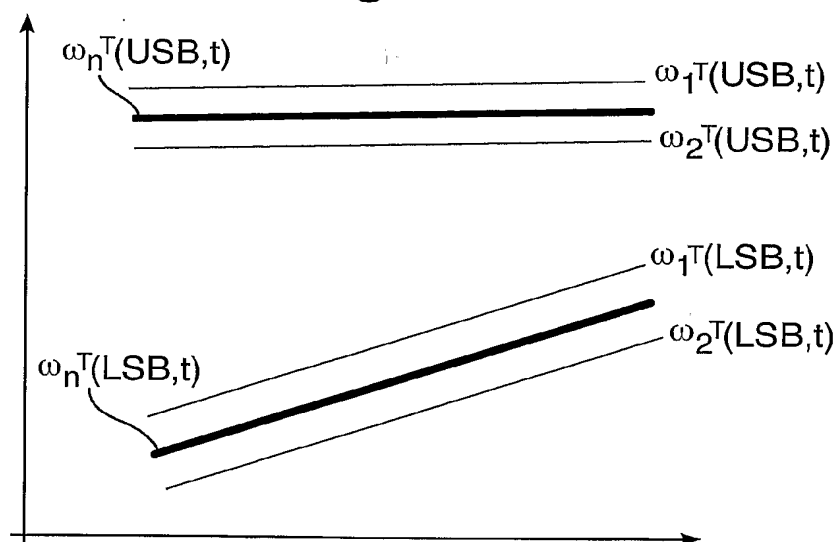
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Fig.28.



Schematic of ZMOD for Data  
Prior to Transformation

Fig.29.



Schematic of ZMOD for Data  
After Transformation